

Scott M. Matheson
Governor



STATE OF UTAH
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
Utah Water Pollution Control Committee

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500

December 29, 1983
533-6146

Calvin K. Sudweeks
Executive Secretary
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Robert H. Ruggeri
P.O. Box 310
Moab, Utah 84532

RE: Construction Permit
S & S Mining Company
San Juan County

Dear Mr. Ruggeri:

We have reviewed the revised calculations included in your December 9, 1983 letter on S & S Mining Red Rock Mine. A plan of the pond submitted September 30, 1983 to Oil, Gas and Mining, TerraTek Research permeability test data and other supporting information were reviewed.

As a result of our review, the plans for the evaporation pond are approved. A Construction Permit as constituted by this letter is hereby issued provided:

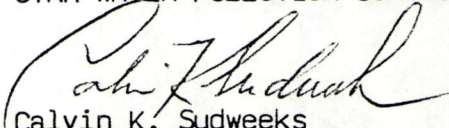
1. The drill holes in the pond area are plugged.
2. Three feet of freeboard is maintained in the pond.
3. The bottom and the sides of the pond are constructed so that there is at least 2 feet of clay.

The incised pond is to be 180 feet by 220 feet with side slopes of two horizontal to one vertical. The pond to be cut in the natural Brushy Basin clays with a permeability of approximately 2×10^{-7} cm/sec. At a depth of 3.5 feet the pond is designed to contain and evaporate the expected 1.3 million gallons of mine water during the one year of production.

In December, 1984 a report on the water level in the pond and expected future wastewater treatment must be submitted to this office.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE


Calvin K. Sudweeks
Executive Secretary

SM:jg

cc: Division of Oil, Gas and Mining, Tom Tetting ✓
Southeastern District Health Department